

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/007901

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L1/236 A23L1/30 A23L2/60 A23L2/39 A23L2/38
A61K31/7016

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	EP 1 462 011 A (CERESTAR HOLDING BV) 29 September 2004 (2004-09-29) paragraphs '0022! - '0024!	22-24
X	US 5 410 028 A (ASAMI KUNIAKI ET AL) 25 April 1995 (1995-04-25) column 3, line 52 example 3 ----- -/--	7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

26 January 2005

Date of mailing of the international search report

10.02.2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KAWAI K ET AL: "Usefulness of palatinose as a coloric sweetener for diabetic patients" HORMONE AND METABOLIC RESEARCH, THIEME-STRATTON, STUTTGART, DE, vol. 21, no. 6, 24 February 1989 (1989-02-24), pages 338-340, XP002959842 ISSN: 0018-5043 page 338, column 1, paragraph 2 page 339, column 1, paragraphs 4,6	22,23
X	WO 01/39615 A1 (BRITISH SUGAR PLC; COOPER, JULIAN, MICHAEL; ACASTER, MICHAEL, ANDREW;) 7 June 2001 (2001-06-07) page 3, lines 11-29 page 4, lines 9-14,24-27 page 5, lines 11-14 example 1	22,23
X	"Trehalose-containing food or drink for improving mobility - comprises, e.g. trehalose in thick malt syrup and chewing gum base" DERWENT, 1997, XP002251971 abstract	22,23
X	DE 197 32 351 A1 (HOECHST AG, 65929 FRANKFURT, DE) 4 February 1999 (1999-02-04) page 2, lines 3,4,35-38,50,51 example 2	24
P,X	US 6 620 791 B1 (COOPER JULIAN MICHAEL ET AL) 16 September 2003 (2003-09-16) column 2, lines 4-28 column 3, line 40 example 4	24
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13, 5 February 2001 (2001-02-05) & JP 2000 300212 A (MITSUI SUGAR CO LTD), 31 October 2000 (2000-10-31) abstract	1-25
A	"Sports drink for supplying energy - contg. palatinose as principal saccharide" DERWENT, 7 March 1989 (1989-03-07), XP002251923 abstract	1-25
	-/-	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"Special food and drink, used for diabetics - contg. palatinose as sweetener and/or filler and/or extender" DERWENT, 18 May 1988 (1988-05-18), XP002251924 abstract -----	1-25
A	US 4 556 429 A (IWAKURA TATSUYA ET AL) 3 December 1985 (1985-12-03) column 1, lines 13,14 example 3 -----	1-25
A	"Drink, e.g., isotonic drinks, tea, soft drinks, lactic acid drinks, soybean drinks or carbonate drinks contains a flavor of flowers or herbs, or an extract of flowers or herbs, and palatinose" DERWENT, 6 March 2003 (2003-03-06), XP002258689 abstract -----	1-25

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-19 (complete), 20-25 (partial)

Dry or liquid compositions based on the association between isomaltulose as the key ingredient and selected carbohydrates, and additionally comprising a polyol, to be used as an energy supply which does not prevent fat oxidation in the body. Uses of isomaltulose in the preparation of products having various physiological effects.

2. claims: 20-25 (partial)

Uses of trehalose for the manufacture of various categories of products having physiological effects.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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